

INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

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COUNTRY	Poland	REPORT	
SUBJECT	Polish Purchases of Iron Ore	DATE DISTR.	April 8, 1957,
		NO. PAGES	1
		REQUIREMENT NO.	RD
DATE OF INFO.		REFERENCES	25X1
PLACE & DATE ACQ			

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(Note: Washington distribution indicated by "X"; Field distribution by "#".)

INFORMATION REPORT INFORMATION REPORT

<u>Lenin Metallurgical Plant</u>		<u>Assortment Calculation</u>	<u>June</u>	<u>1955</u>	<u>2</u>
	<u>Plant</u>	<u>Symbol</u>	<u>Month</u>	<u>Year</u>	<u>page</u>
<u>Rolling mill:</u>	<u>Name of department</u>	<u>Symbol</u>	<u>Total production: finish rolled accepted</u>		
			"	"	<u>rejected</u>
<u>Group</u>	<u>Position of Costs</u>	<u>Symbol of position of costs</u>	<u>Total</u>	<u>Department total</u>	
			<u>Quantity</u>	<u>Price</u>	<u>Value</u>
			<u>kg</u>	<u>zl/t</u>	<u>zl</u>
				<u>kg</u>	<u>zl</u>
<u>Production in Progress</u>	<u>Basic Materials</u>	<u>Ingots from open hearth steel</u>			
		<u>Total</u>			
		<u>Total</u>	<u>foreign ingots</u>		
		<u>Total</u>			
		<u>at the beginning of the period</u>			
		<u>total including production at the beginning of the period</u>			
		<u>at the end of the period</u>			
		<u>Total</u>			
<u>A. Charge</u>	<u>Immediate raw materials</u>				
	<u>Deviations from planned prices</u>				
	<u>Purchase costs</u>				
	<u>Cost of preparing the charge</u>				
	<u>Gross cost of the charge</u>				
<u>Scrapes</u>	<u>Scrapes</u>				
	<u>"Grzewczy" [heating?] slag</u>				
	<u>Scales</u>				
	<u>Unusable wastes</u>				
	<u>Total</u>				

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Rejects

sole fault of the department
fault of the department
fault of the department
fault of the supplier

Total

Total scraps and rejects

Production -- yield

1.1.1
1.1.1
1.1.1
1.1.1
1.1.1

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B. <u>Machining</u>	<u>Group of costs</u>	<u>Machining Position of costs</u>	<u>Symbol of position of costs</u>	<u>Month reported</u>	<u>Machining costs</u>		<u>Rejects</u>	<u>Finished acceptable production</u>
					<u>Production in progress</u>	<u>at the beginning of the period</u>	<u>at the end of the period</u>	
	<u>Production wages</u>	Direct production wages Social insurance from production wages						
		<u>Total</u>						
	<u>Department costs</u>	Machine and equipment operation costs Overall departmental costs						
		<u>Total</u>						
	<u>Special costs</u>	Accepted as rejects due to fault of steel mill Other special costs						
		<u>Total</u>						
		<u>Total Machining Costs</u>						

C. Final loss due to rejects

Departmental cost

D. Overall factory cost

Factory cost

E. Establishment cost according to type

	<u>percentage sale value</u>	<u>Actual production</u>	<u>Calculated production</u>	<u>Real costs</u>	<u>Departmental</u>
	<u>sale price for types</u>	<u>kg</u>	<u>Equivalents</u>	<u>sl</u>	<u>sl/t</u>

Type I - quality

Type II -

Type III -

Type IV -

Total

F. Figuring costs of rejects on account 161

Reject costs in sloty

<u>Charge</u>	<u>Machining</u>	<u>Total</u>	<u>Value of scrap from rejects</u>	<u>Final loss from rejects</u>
---------------	------------------	--------------	--	------------------------------------

Cost of rejects due to individual fault

"	"	"	"	"
"	"	"	"	"
"	"	"	"	"

" " " " suppliers fault

"	"	"	"	"
"	"	"	"	"

Total

Difference resulting from reclassification of products

Debits from rejects confirmed by others

Total

Lemn Metallurgical

<u>Plant</u>	<u>Symbol</u>	<u>Assortment Calculation</u>		<u>June Month</u>	<u>1955</u>
<u>Blast Furnaces</u>	<u>Calculation group</u>	Open hearth pig iron			
<u>Blast Furnace No</u>		<u>Name</u>			<u>page 1</u>
<u>Production</u>		<u>Month reported</u>		<u>Since beginning of the year</u>	<u>Deviations</u>
<u>Cost Positions</u>	<u>Yearly plan</u>	<u>ton</u>	<u>Iron</u>	<u>Costs of month reported</u>	<u>For 1 ton of production</u>
<u>Name</u>	<u>For 1 ton of production</u>	<u>Quantity</u>	<u>% content</u>	<u>Quantity</u>	<u>Price</u>
<u>Domestic Ores</u>	<u>Norm</u>	<u>kg</u>	<u>kg/t</u>	<u>tons</u>	<u>zsl</u>
	<u>Price</u>	<u>zsl/t</u>			
	<u>kg/t</u>				
Calcinated					
Calcinated acidic					
Crude siderite					
Brown "Bosy Dar"					
Hematite "Staszic"					
Oxidized					
Brown					
Total					
Krivoy Rog Iron					
Gora Iron					
Foreign ores(ore type according to separate specification)	"	"	C2		
	"	"	D		
	"	"	A		
	"	"	A.Mn		
Low manganese					
High manganese					
Total					

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Metal additives	Domestic Agglomerate Ore mixture	Total
	slag Open-hearth slag "Grzewny"(heating) slag Ferro-manganized slag	
		<u>Total</u>
	scrap Coagulates	<u>Total</u>
		<u>Total</u>
Iron yielding mixture		
Yield from iron yielding mixture		
Fluxes	Crude dolomite	
	Limestone	
		<u>Total</u>
Purchase costs		
Costs of preparing charge		
Deviations from planned costs		
	<u>Total</u>	
Total mixture cost		
Estimate	Yield from total mixture	
	Blast furnace powder	
	Coagulates	
	<u>Total</u>	
Production(yield)		
Blast Furnace coke	Foreign coke (dry price)	1. Calculation of wet to dry coke
	Domestic coke "	1.) Wet Coke
		<u>Total</u>
Losses due to coke crushing		
Purchase costs and deviations from planned prices		
	<u>Total</u>	
Used for blast furnaces(statys.?)		
Used by other departments(estimate)*		
Purifying gas(full debit cost)		
Net fuel (1000 cubic meters)		
	2.) Dry Coke	
Prod. costs	Immediate production wages	No Text Domestic Foreign Total
	Socialized insurance from production wages	1. Quantity
		2. Price zl/t
	<u>Total</u>	3. Value
Cost of operating machines and equipment		
Overall department costs		
	<u>Total</u>	
Special Dept. costs	Cost of beginning new production	2. Loss due to crumbled coke
	Other costs	Coke Price Value zl
		1. Crumbled
	<u>Total</u>	2. Coal dust
		3. Loss
Departmental cost		
Overall factory costs		
Total actual factory cost for pig iron prod.		
Including: liquid pig iron for the steel mill		
crude steel for storage of finished products-for prod. of commodities		

* after cost of purifying gas

** value same as in column 3

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Lenin Metallurgical
Plant

Assortment Calculation of Steel

Open hearth steel(ingots)

Name

(All other headings are the same as those on form KA-2 with the exception of columns 2 and 9 which read: % wsadu metalicznego - percent of metal charge)

1

L	A	R	I	P	E	M	C	I	S
L	A	R	I	P	E	M	C	I	S
iquid	ig								
iron	iron	iron	iron	iron	iron	iron	iron	iron	iron

Liquid pig iron from the mixer
 " " " " blast furnaces
 Solid " "
 " " " foreign
 Hematite pig iron

Total

M	A	T	R	E	M	C	I	S
M	A	T	R	E	M	C	I	S
Scrap								

Scrap from the steel mill
 Inter-departmental metallurgical scrap (unintelligible)
 Foreign packaged scrap melting loss
 Unpackaged scrap rolling mill scraps
 Coagulates, billets

Total

B	A	C	S	A	C	I	S
B	A	C	S	A	C	I	S
Metal additives							

Quantity of iron in the ore of 100 % content
 Open-hearth pig iron
 Blast furnace ferro-manganese
 Melted ferro-manganese
 Ferro-silicon
 Aluminium
 Silicon-manganese
 Ferro-phosphorus

Total

Total metal charge costs

Deviations from planned prices
 Material purchase costs
 Cost of preparing the charge
Total

Billets and coagulates
 Production scrap
 Slag(including slag for blast furnaces)

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Calculation -- Ingots

1. Needed for one ton of pig iron:

2 tons of iron ore	@ \$15 per ton	--	\$30
0.7 tons of flux(18 sloty domestic price)			
1.1 tons of coke	@ \$18 per ton		<u>\$19.80</u>
			\$49.80

2. Needed for one ton of open hearth steel

0.620 tons of iron ore	@ \$49.8 per ton	--	\$29.08
0.480 tons of scrap	@ \$40.0 "	--	\$20.00
0.020 tons of added metals	@ \$120 per ton	--	\$2.40
0.080 tons of Fe ore	@ \$15.0 per ton	--	<u>\$ 1.20</u>
			\$52.68

3. Needed for one ton of blooms:

1.150 tons of open hearth steel @ \$52.68 per ton -- \$60.58

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Additive materials

Production rejects**Production(yield)**

Limestone
 Burnt lime
 Fluorite
 Bauxite
 Raw dolomite
 Foreign burnt magnesite
 Foreign bulk magnesite
 Ground slag
 Electrode scraps
 Iron ore
 Domestic burnt dolomite
 " mass dolomite
 Domestic charcoal dust

Total

Technical fuels
 Generator gas
 Coke-oven gas(foreign)
 " " " (domestic)
 Blast furnace gas
 Tar gas

Total

Wages and Insurance
 Direct production wages
 Socialized insurance from wages

Total

Special costs
 Beginning new production
 Other costs

Total

Dept. costs
 Costs of operating machines and other equipment
 Overall department costs

Total

Final loss from rejects
 Confirmed in the department
 Confirmed in other departments

Total

Department costs
 Overall factory costs
 Overall factory cost of steel
 Including: liquid steel
 steel in ingots

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